



# FEBRILE RESPIRATORY ILLNESS SURVEILLANCE

Weekly Report

27 Feb 2020

Data Summary for:

Epi Week 7, 2020

**Purpose:** To summarize current FRI surveillance data among Military Recruit, DoD beneficiary, and U.S.-Mexico border (CDC-CDPH-BIDS) populations

## LAB TEST RESULTS

9 FEB – 15 FEB 2020

**Table 1.** Summary of FRI samples received during Epi Week 7 from Military Recruit, DoD beneficiary, and CDC-CDPH-BIDS border sites.

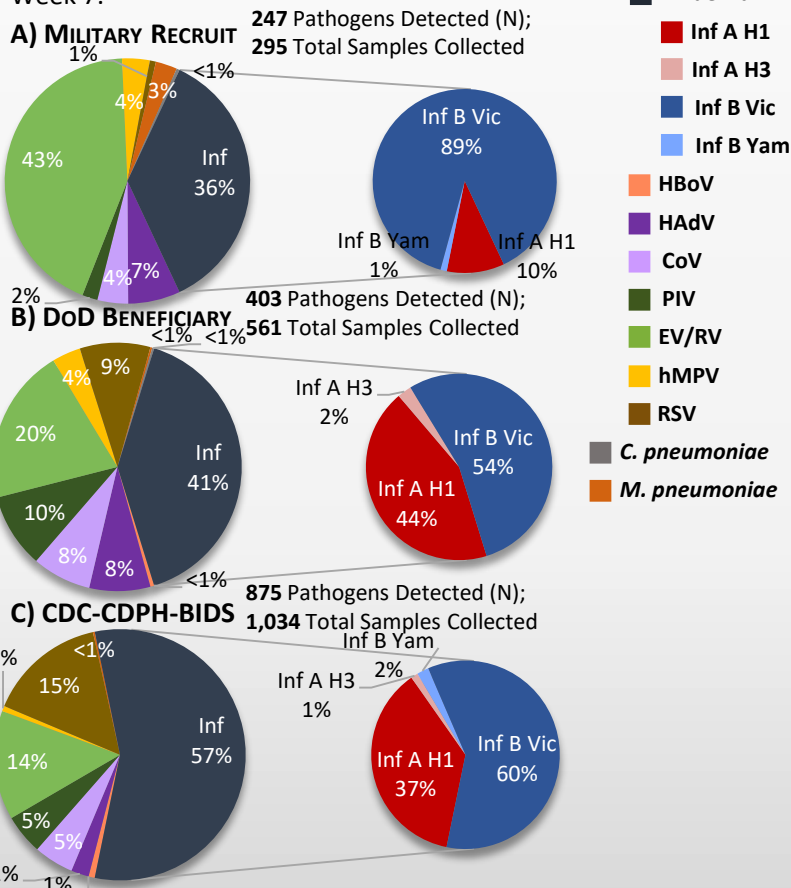
	Military Recruit	DoD Beneficiary	CDC-CDPH-BIDS
<b>Total Received Samples</b>	<b>28</b>	<b>54</b>	<b>103</b>
<b>Total Tested Samples</b>	<b>10</b>	<b>15</b>	<b>21</b>
<b>Total Positive Samples<sup>1</sup></b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>% Positive</b>	<b>50%</b>	<b>67%</b>	<b>71%</b>
Influenza A H1	-	7	8
Influenza A H3	-	-	2
Influenza B Yamagata (Yam)	-	-	-
Influenza B Victoria (Vic)	1	2	1
Adenovirus (HAdV)	-	-	1
Coronavirus (CoV)	-	-	-
Parainfluenza (PIV)	-	-	-
Rhinovirus/Enterovirus (RV/EV)	2	-	2
Metapneumovirus (hMPV)	1	-	-
Respiratory Syncytial Virus (RSV)	-	1	1
Bocavirus (HBoV)	-	-	-
<i>C. pneumoniae</i>	1	-	-
<i>M. pneumoniae</i>	-	-	-

<sup>1</sup> Includes samples that tested positive for multiple pathogens

## FISCAL YEAR TO DATE

1 OCT 2019 – 15 FEB 2020

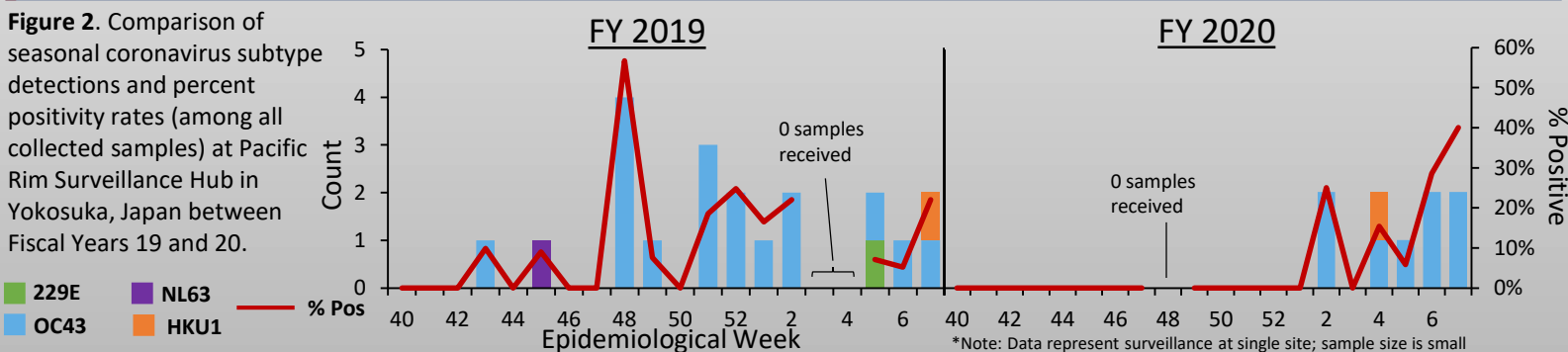
**Figure 1.** Breakdown of FRI pathogens collected through Epi Week 7.



## PACIFIC RIM SURVEILLANCE HUB SEASONAL CORONAVIRUS SURVEILLANCE, FY19-20

1 OCT 2018 – 15 FEB 2020

**Figure 2.** Comparison of seasonal coronavirus subtype detections and percent positivity rates (among all collected samples) at Pacific Rim Surveillance Hub in Yokosuka, Japan between Fiscal Years 19 and 20.



**FRI Recruit Surveillance Sites:** Marine Corps Recruit Depot San Diego, Marine Corps Recruit Depot Parris Island, Recruit Training Command Great Lakes, Fort Leonard Wood, Fort Benning, Fort Jackson, Lackland Air Force Base, Coast Guard Training Center Cape May.

**FRI DoD Beneficiary Surveillance Sites:** Branch Health Clinic Yuma/Marine Corps Air Station Yuma, Naval Hospital Camp Pendleton, Captain James A. Lovell Federal Health Care Center (Naval Hospital Great Lakes), Robert E. Bush Naval Hospital Twenty Nine Palms, Naval Training Center San Diego, Naval Medical Center San Diego, Naval Branch Health Clinic Kearny Mesa, Naval Health Clinic Lemoore, Naval Hospital Yokosuka, Naval Branch Health Clinic Naval Base San Diego, Naval Medical Center Portsmouth, Boone Branch Health Clinic, Oceana Branch Health Clinic.

**CDC-CDPH Border Infectious Disease Surveillance Sites:** Clinica de Salud del Pueblo Brawley, Clinica de Salud del Pueblo Calexico, Clinica de Salud del Pueblo El Centro, San Ysidro Health Center, Pioneers Memorial Healthcare, El Centro Regional Medical Center, Sharp Chula Vista Hospital, Mexicali General Hospital.

**Febrile Respiratory Illness (FRI) Case Definition:** Fever of 100.5 °F AND cough or sore throat. Note: lab test results from samples received by NHRC-OID during the indicated dates.

Funding provided by AFHSD-GEIS

Contact: usn.point-loma.navhlthrschcensan.list.nhrc-fri-surveillance@mail.mil



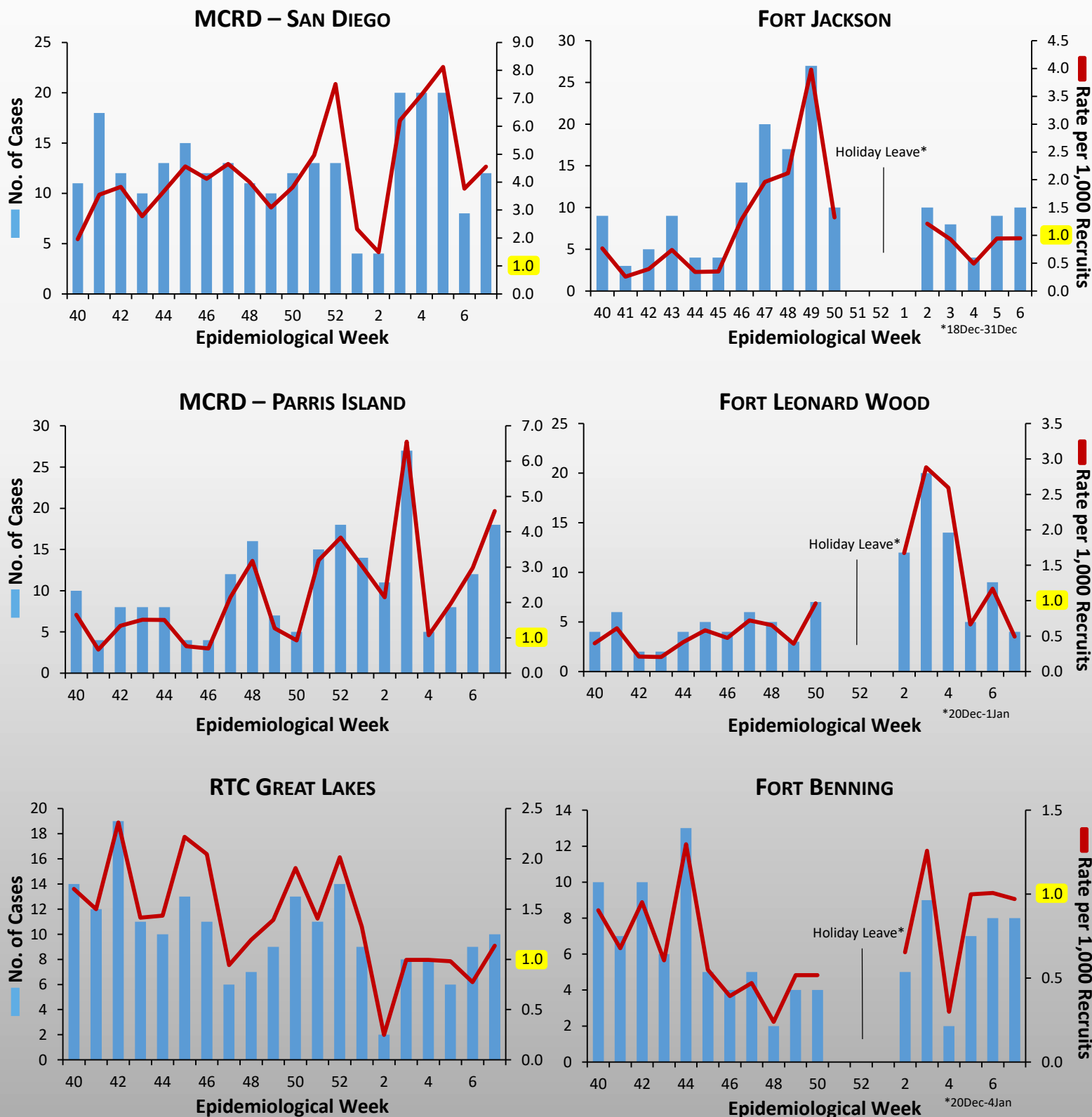
## FEBRILE RESPIRATORY ILLNESS SURVEILLANCE

Weekly Report  
27 Feb 2020

## CUMULATIVE FRI INCIDENCE AMONG MILITARY RECRUITS

29 SEP 2019 – 15 FEB 2020

**Figure 4.** Recruits meeting FRI case definition from start of current fiscal year to date. Overall incidence rate (per 1,000 recruits) is shown in red. Note: site graphs are individually scaled; a rate of 1.0 is highlighted for reference.





## FEBRILE RESPIRATORY ILLNESS SURVEILLANCE

Weekly Report  
27 Feb 2020

## MONTHLY FRI RESULTS

JAN 2020

**Table 2.** FRI samples collected and tested during the month of January, displayed by study type and site name. All FRI samples are tested for each listed pathogen.

	Total Collected <sup>1</sup>	RV/EV	Inf A H1	Inf A H3	Inf B Yam	Inf B Vic	HBoV	HAdV	CoV	PIV	hMPV	RSV	C. pneumoniae	M. pneumoniae
<b>Military Recruit</b>														
Marine Corps Recruit Depot San Diego	31	14	1	.	.	14	.	.	1	2	1	.	.	.
Marine Corps Recruit Depot Parris Island	21	7	.	.	.	8	.	4	.	1	2	.	.	.
Fort Leonard Wood	23	2	3	.	.	12	.	.	1	.	.	1	.	.
Fort Jackson	12	.	2	.	.	6	.	.	1	.	1	.	.	.
Fort Benning	14	5	2	.	.	5	.	1	3	.	2	.	.	.
<b>DoD Beneficiary</b>														
Robert E. Bush Naval Hospital Twenty Nine Palms	14	1	1	.	.	5	.	.	.	.	1	3	.	.
Naval Training Center San Diego	19	1	6	.	.	.	.	.	2	.	.	1	.	.
Naval Medical Center San Diego	33	4	8	.	.	3	.	.	2	1	1	3	.	.
Naval Medical Center Portsmouth	6	.	2	.	.	3	.	.	.	.	.	.	.	.
Boone Branch Health Clinic	14	1	3	.	.	5	.	.	1	.	.	2	.	.
Naval Health Clinic Lemoore	44	3	8	.	.	14	1	3	2	.	5	.	.	.
Branch Health Clinic Yuma/Marine Corps Air Station Yuma	19	1	7	.	.	4	.	.	1	2	.	1	.	.
Naval Branch Health Clinic Naval Base San Diego	66	8	22	.	.	8	.	.	5	1	1	1	.	.
<b>U.S.-Mexico Border</b>														
Clinica de Salud del Pueblo Brawley	214	32	79	1	.	27	1	3	7	5	4	26	.	.
Clinica de Salud del Pueblo Calexico	51	11	15	1	1	9	.	1	1	.	.	6	.	.
Clinica de Salud del Pueblo El Centro	96	13	33	.	.	17	1	3	1	1	.	8	.	.
Pioneers Memorial Healthcare	23	3	6	.	.	2	.	.	.	1	1	8	.	.
San Ysidro Health Center	15	2	4	1	.	5	.	2	1	.	.	1	.	.
El Centro Regional Medical Center	4	.	.	.	.	3	.	.	.	.	.	2	.	.
Mexicali General Hospital	13	1	.	.	.	1	.	.	.	.	.	8	1	.
Servicio de Salud de Chihuahua Subsede Ojinaga	12	.	5	.	.	4	.	.	.	.	.	.	.	.
Sharp Chula Vista Hospital	6	.	2	.	.	3	1	.	.	.	.	.	.	.

<sup>1</sup> Includes samples that tested positive for multiple pathogens